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AM Applications for Automotive Transportation/Heavy Machinery

The Automotive transportation/heavy machinery industry continues to increase use of Additive Manufacturing with TRL progressing from 4 to 8 for certain applications. The transportation industry benefits from AM through redesign of existing components as well as part consolidation, all of which can significantly improve cost, performance and lead time. However, one often cited barrier for adoption lies in lack of standards to facilitate the larger adoption, to bring confidence and allow certification and assurance.

This symposium covers the application of AM for this industry focusing on standards related to the following:
– New material qualification and component design considerations
– Potential applications that benefit from AM and associated designs
– Industrialization needs: AM process engineering, manufacturing system qualification, supplier requirements, and operator training
– AM for spare parts and influence on supply chain management, including the digital thread
– Globally recognized EHS and regulatory requirements for AM in transportation

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